



## **"We Are The Evidence", Those Injured by Wireless**

**PLEASE PROTECT US & HELP US PROTECT the PUBLIC's HEALTH**

**Say "STOP" to the FCC on 5G**

### **Who Are We?**

Unlike what the public has been told, wireless technology harms are scientifically **PROVEN**, not potential but **EXISTING**, and in an **EPIDEMIC** scale. ["We Are The Evidence"](#), is an advocacy group representing the many people who have been injured by wireless technology; our members have conditions such as electro-sensitivity/intolerance and cancer (among others). We purport to expose this epidemic to the public, elevate the voice of the injured and defend their rights through education, lobbying and litigation.

W.A.T.E's founder, Dafna Tachover is an attorney in New-York and Israel, has an MBA and a telecommunication background from her army service in the Israeli Defense Forces where she served as a Telecommunications and Computers Officer and the commander of the computer center of the IDF's Operations Center and of its Headquarters. Since she developed Electromagnetic Sensitivity ("ES") in 2009, she has been dedicating her work to the topic including lecturing, PR, lobbying and litigating. She has been consulting in various lawsuits, initiated and led a Supreme Court case in Israel to ban the use of Wi-Fi in schools and represented 94 international organizations in an amicus brief in a US case. Her efforts in Israel have led to significant change in public awareness and the government stance.

### **What Are We Asking For?**

Despite the **EVIDENCE OF WIDESPREAD SICKNESS** from wireless technology radiation and the **CLEAR SCIENCE** including a **RECENTLY** published results of a \$25 million **GOVERNMENT STUDY** which establishes which has confirmed that wireless technology radiation is causing brain tumors and heart cancer, DNA damage and neurological problems, rather than acting prudently, warn the public, reduce radiation levels and encourage industry to develop safer technologies, the FCC continues to ignore the harms. The FCC continue to use an obsolete "safety" standard, mislead the public and Congress and now, facilitates a rapid increase in radiation levels with 5G and the use of higher (and likely more harmful) frequencies. This is a public health and human rights crisis that must not be ignored. Ignoring a problem does not change the facts; it merely increases its scale and we already have an epidemic- scale problem.

# The Facts About 5G & the FCC

## **Fact: 5G is Even More Harmful than Existing Wireless Infrastructure**

5G will be making use of higher frequencies, known as "millimeter waves," which are more harmful to humans, without examination or consideration of the hazards. 5G frequencies are easily disrupted by physical interference; therefore, to overcome this limitation, a massive number of antennas will have to be positioned on almost every electric pole in the country, all utilizing higher frequencies. This deployment will significantly increase the radiation levels in the environment, making it impossible for anyone to escape this radiation, especially those who are already injured and cannot tolerate the radiation.

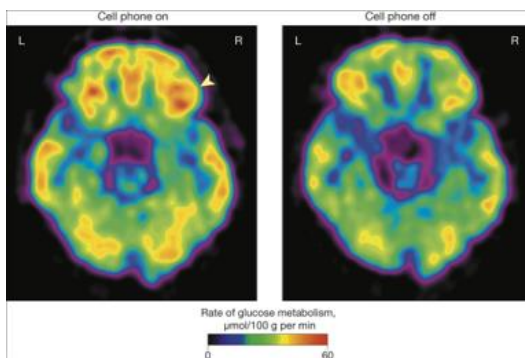
## **Fact: FCC Ignores Recent Government \$25 Million Study Proving Harms**

The link between wireless and cancer / other harms was proven in a \$25 Million study by the National Toxicology Program; ***the scientists who conducted the research called to immediately warn the Public***. The FCC is ignoring the study and instead, is trying to fast-track 5G. This study repeats what many previous research studies proved and supports the existing human evidence. More information about the study can be found on ***MicrowaveNews.com*** and the ***Wall Street Journal***.

## **Fact: FCC Ignores NIH Study Proving Wireless Causes Changes in Brain**



The study led by Dr. Nora Walkow, ***Director of the National Institute on Drug Abuse***, "Effects of Cell Phone Radiofrequency Signal Exposure on Brain Glucose", offers conclusive evidence that the FCC's claim that there are no biological effects of wireless technology is false.



The brain image (above) shows the levels of glucose in the brain (yellow) before (image on the right) and after (image on the left) cell phone use. The glucose levels shown in the left image are significantly higher and found to be so especially in the areas closer to the antennas of the cell phone. This study reinforces previous studies that used other experimental approaches, and have found that

microwave radiation alters cellular signaling pathways and brain activity. **As glucose is the sole energy source of the brain, the study reinforces previous studies that have found that microwave radiation alters cellular signaling pathways and brain activity.**

## **Fact: The FCC Cannot Be Trusted; Did Not Follow GAO Recommendation**

Would you have wanted the head of the Tobacco Companies' Association to head the Agency that regulates it? Then why allow Tom Wheeler, who headed the CTIA, the wireless industry association, to head the FCC, the very same agency that regulates them?

**Harvard University Center for Ethics** wrote a report about the corruption of the FCC called: ***"Captured Agency: How the FCC is Dominated by the Industries It Presumably Regulates."***

This 5G vote is a clear proof...

For more than 20 years, the FCC hasn't reviewed its "safety" Standards. In 2012, following its investigation, the GAO urged the FCC to bring its outdated public radiation exposure standards up to speed with current science. Yet, no changes have been made by the FCC. ***The FCC's 2013 declaration that followed, that it is going to review its "Safety" Standard, seems to be a sham.***

The FCC asked the public to submit comment. Approximately 800 comments were submitted by scientists, public health officials, doctors' associations who represent the physicians who see the epidemic of sickness in their offices and clinics and including 180 testimonials of people who have become sick from wireless technology. The Attorney Generals of Boston and Philadelphia submitted a comment, calling the FCC to take immediate action to protect the injured and tell the public the truth. But, as the ***Wall Street Journal*** wrote in an article on 7/6, ***"The FCC opened a proceeding to study the current standards in 2013, but hasn't taken any action."***

## **Fact: FCC Safety Testing is Ridiculous, Assuming Our Brains Are Liquid**

***The FCC "Safety" Standards are based on an assumption that was disproved decades ago***, that non-ionizing radiation, like that emitted by wireless technology, is harmful only if it causes change in the temperature of the cells. Since wireless technology allegedly does not use levels that cause thermal change, the FCC claims it is not harmful, despite the fact that many thousands of studies, including the Government studies, have proven that it causes severe effects including the breakage of the DNA.

***The FCC testing of cell phone safety is ridiculous. It assumes that the human brain is just liquid*** and tests for thermal change. This test was invented by engineers without biomedical understanding, and ignores the fact that our brain has nerves, blood vessels, chemical reactions, etc. Our brain is an electric system and therefore it is clear that it will be affected by electro-magnetic fields such as those emitted by wireless technology radiation, which is trillions of times higher than the levels to which our body evolved.

# Facts about the Epidemic of Sickness

## **Fact: Already 10% of the Population Have Developed Electro-Sensitivity**

***Are you or your children are having pain in your head/ear and/or tingling in your hands when using a cell phone? If yes, then you have developed Electro-Sensitivity.*** According to numerous surveys done by leading institutions up to 2006, at least 10% of people already suffer from symptoms of electromagnetic sensitivity/intolerance, a condition that develops with accumulated exposure to wireless radiation. Other symptoms include sleep disturbances, heart palpitations, nausea, exhaustion, tinnitus, cognitive problems, et al. These symptoms indicate severe biological harms. Research on 700 people who developed ES showed damage to their Blood Brain Barrier, immune and nervous systems and neurodegeneration.

***The people and children who developed ES are ignored and their lives are a living hell.***



There is no place without radiation. Those people who have ES have no refuge and no place to live; many become refugees and live in inhuman conditions, in their cars and in the woods. One year ago, Jenny Fry, a 15 year old girl hanged herself from a tree because she could not tolerate the pain from the Wi-Fi in her school. This is a growing epidemic and a human rights crisis and everyone is looking the other way. ***In the picture: Jenny Fry, 15,***

***Committed Suicide, she could not tolerate the pain of the Wi-Fi in school.***



The most famous person who has developed ES is Gro Harlem Brundtland, the former ***Head of the World Health Organizations, former Prime Minister of Norway*** and a medical doctor in her profession.

**Other people who developed ES:** Matti Niemelä, **Nokia's Chief Technology Officer** Jeromy Johnson, **a Silicon Valley Engineer**; Prof. James McCaughan, **A Physics Professor**; Per Segerbäck, **Ericsson Cell Phones Engineer**; Dr. David McDonald, CSIRO (wireless company) scientist; Elizabeth Evans, an MD.

## **Fact: Wireless Causes Brain Tumors Epidemic**



The Government NTP study proved that wireless radiation causes brain tumors; as well as confirming the results of previous studies, but this study supports the findings of other studies, including epidemiological studies. Data up to 2006 show that the rates of brain cancers associated with cell phone use doubled for adults, and now, ten years later, is probably higher. A study shows 780% increase in brain tumors in children; brain tumors are the # 1 killer of children and adolescents. ***In the picture: Jimmy Gonzales,***

***Attorney, Died at 42, from 3 tumors from his cell phone.***

### Fact: Wireless causes Autism



In the past 10 years, the rate of Autism has increased exponentially from 1/1000 children to 1 in 65. **Harvard Professor**, Martha Herbert, a **Pediatric Neurologist and Neuroscientist's** paper "***Autism and EMF? Plausibility of a pathophysiological link***", establishes a correlation to wireless. Prof. Herbert said "I set up to write a paper with a modest length...and ended up producing a 60 page paper with 550 citations."

### Fact: Wireless causes ADHD



In the past 10 years the number of children who suffer from ADHD doubled! **Yale University Professor & Chair of Obstetrics, Gynecology, and Reproductive Sciences**, Prof. Hugh Taylor, **proved in his research that fetus exposure to wireless radiation affects Neurodevelopment and Behavior and cause ADHD.**

### Fact: Wireless Harms the Sperm and Reproductive Organs

In the past 10 years there has been a 40% reduction in sperm quality of males in all age groups all around the world, and 25% of couples are in fertility treatments. There are many dozens of studies including on humans that prove beyond doubt that wireless severely harms the sperm and reproductive organs. The most recent study on humans is from Israel: "***Habits of cell phone usage and sperm quality - does it warrant attention?***", a study that was published in 2016 by the Technion - Israel Institute of Technology (the Israeli equivalent of MIT), and Carmel Medical Center. The study which was done on 106 men, found that men who wear their cell phones in their pants pockets, have significantly higher rates of abnormal sperm. 47% of men who stored their cell phones in their pants had abnormal sperm, compared to just 11% for the average male.

